REMARKS

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page(s) is captioned "**Version With Markings To Show Changes Made**."

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION

Page 1, before the first line, insert as a separate paragraph:

This application is the US national phase of international application PCT/EP00/04667 file 23 May 2000, which designated the US.

IN THE CLAIMS

6. The method as claimed in ~~one of~~ claims ~~2 to 4~~, wherein the information to be entered is entered by means of irradiation with infrared light.

7. The method as claimed in ~~one of~~ claims ~~1 to 6~~, wherein the information to be entered is entered by means of a focused write beam (3).

8. The method as claimed in ~~one of~~ claims ~~1 to 6~~, wherein the information to be entered is entered over a large area, using a mask.

9. The method as claimed in ~~one of~~ claims ~~1 to 8~~, wherein highly polarizable molecules are used as atoms and/or molecules that change the refractive index.

11. The method as claimed in claim 9 ~~or 10~~, wherein aromatic molecules are used as highly polarizable molecules.

12. The method as claimed in ~~one of~~ claims ~~1 to 8~~, wherein slightly polarizable molecules are used as atoms and/or molecules that change the refractive index.

15. The data storage medium as claimed in claim 13 ~~or 14~~, wherein the atoms and/or molecules that change the refractive index comprise highly polarizable molecules.

17. The data storage medium as claimed in claim 15 ~~or 16~~, wherein the highly polarizable molecules comprise aromatic molecules.

18. The data storage medium as claimed in claim 13 ~~or 14~~, wherein the atoms and/or molecules that change the refractive index comprise slightly polarizable molecules.

19. The data storage medium as claimed in ~~one of~~ claims ~~14 to 18~~ in connection with claim 14, wherein the layer (2) is assigned an absorber which is set up to absorb a write beam, at least partially, and to locally discharge the heat produced thereby at least partially to the layer (2) and/or the polymer carrier (1).

20. The data storage medium as claimed in ~~one of~~ claims 13 ~~to 19~~, wherein the information medium has a plurality of polymer carrier plies (10), through which information units can be read from a preselected polymer carrier ply (10) and, if appropriate, can be written to a preselected polymer carrier ply (10).

23. The data storage medium as claimed in ~~one of~~ claims 13 ~~to 22~~, wherein the polymer carrier comprises a polymer film (11).